

# ASACLEAN™

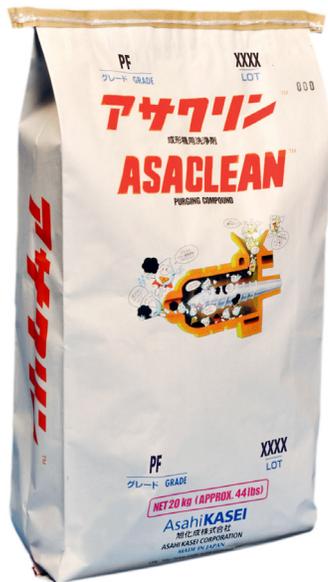
## PURGING COMPOUND

# TECHNICAL DATA SHEET

## PF GRADE

Mechanical Purging Compound for Injection Molding & Extrusion

### Packaging



PF Grade is available in:

- 44 lb. bags (pictured above)



PICTURED: Close-up of PF Grade

### Description & Benefits

- High temperature purge
- Designed for super-engineering resins
- Superior cleaning power
- Suitable for hot runner cleaning
- Can be used for shutdown and sealing
- Excellent thermal stability at high processing temperatures
- No chemical reaction
- No soak time required

### Usage Information

<b>Temperature Range:</b>	280°C to 420°C (535°F to 790°F)
<b>Minimum Clearance:</b>	Requires 0.5 mm (0.020") clearance for hot runner gates and extrusion dies; works best if screen packs are removed, however, if not possible use the maximum 100 mesh size.
<b>Amount of Purge:</b>	Typically 1-2 system capacities (actual amount depends on degree of contamination)
<b>Applications:</b>	<b>Injection Molding</b> - including hot runners <b>Extrusion</b> - profile, sheet, cast film & compounding
<b>Types of Resin:</b>	Exclusively used for purging super-engineering resins such as PPS, PEEK, ULTEM, LCP, PEI, etc.

### Physical & Chemical Properties

<b>Physical Form:</b>	Solid
<b>Shape:</b>	Pellets
<b>Color:</b>	Milky white - light yellow
<b>Water Solubility:</b>	Insoluble
<b>Other Solvent Solubility:</b>	Soluble in aromatic and ester solvents (except for inorganic content)
<b>Stability:</b>	Stable under normal temperatures
<b>Reactivity:</b>	Non-reactive under normal handling and storage conditions
<b>Conditions to Avoid:</b>	Do not exceed recommended temperature range. Do not allow ASACLEAN PF Grade to reside in barrel for ANY period of time at temperatures higher than 370°C (700°F).

### Product Safety

Refer to Safety Data Sheets for more information

**Have a Question?** Visit [asaclean.com](http://asaclean.com) or call 800.787.4348 to speak with a purging expert.

Form #: TDS-PF  
Revised: 04/01/2023

### Key Measurements

### Value

<b>Specific Gravity:</b>	1.26 at 23°C (73°F)
<b>Softening Point:</b>	150°C (302°F)
<b>Flashpoint:</b>	460°C (860°F)
<b>Autoignition Temp:</b>	520°C (968°F)

Please Note: The above data should be used for reference only.